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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Minimum DB seq length: 0
Maximum DB seq length: 200000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Perfect score:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OM nucleic - nucleic search, using sw model
Published_Applications_NA:*

1: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

2: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*

3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*

4: /cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*

5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*

6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*

6: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*

7: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*

9: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

10: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

11: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

13: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

14: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
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Gapop 10.0 , Gapext 1.0
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10973.529 Million cell updates/sec
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.8	33	ω u	33.4	33.6	33.6	33.8	ω 5	35	35.2	35.2	35.2	35.2	35.2	35.2
12.9	12.9	12.9	12.9			12.9		12.9	12.9	12.9	13.0	13.1	13.1	13.3	13.3	13.3	13.4	13.9	13.9			14.0	14.0	14.0	14.0
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US-09-935-291A-1	US-09-935-291A-3	US-09-925-300-134	US-09-960-253-179	US-09-960-253-174	US-09-954-456-1158	US-09-954-456-710	US-09-954-456-77	US-09-815-242-7834	US-09-884-441-149	US-09-796-692-9300	US-09-815-242-7988	US-09-764-847-1577	US-09-815-242-7885	US-09-816-095-1	US-09-780-717-28	US-09-780-717-30	US-09-819-607-3	US-09-764-877-3220	US-09-810-808-4	US-09-880-107-2265	US-09-954-456-1801	US-09-954-456-1132	US-09-954-456-55	US-09-962-436-269	US-U9~934-531-363
Sequence 1, Appli	Sequence 3, Appli	134	Sequence 179, App	Sequence 174, App		Sequence 710, App	Sequence 77, Appl	Sequence 7834, Ap	Sequence 149, App	Sequence 9300, Ap	Sequence 7988, Ap	Sequence 1577, Ap	Sequence 7885, Ap	Sequence 1, Appli	Sequence 28, Appl	Sequence 30, Appl	Sequence 3, Appli	Sequence 3220, Ap	Sequence 4, Appli	Sequence 2265, Ap	Sequence 1801, Ap	Sequence 1132, Ap	Sequence 55, Appl	Sequence 269, App	•

## ALIGNMENTS

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                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-944
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                                                                                                                                                                                            CURRENT APPLICATION NUMBER: US/10/025,380
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
                                                              Query Match
Best Local Similarity
Matches 252; Conserv
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                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
APPLICANT:
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                       APPLICANT: Cartee, Darrick
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Xu, Jiangchun
472 AATTGTGCCCTTGAGGAGCTGCGTCTGGTCTTTGGGCCCTCTGGGGGGACCAACTCCATGCC 413
                    1 AATTGTGCCCTTGAGGAGCTGCGTCTGGTCTTTGGGCCTCTGGGGGGACCAACTCCATGCC 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                          Clapper, Jonathan D.
Skeiky, Yasir A. W.
Fanger, Gary R.
Vedvick Thomas S.
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Smith, Carole L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wang, Aijun
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Stolk, John A. Wang, Tongtong
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Meagher, Madeleine Joy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Secrist, Heather
Benson, Darin R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lodes, Michael J. Secrist, Heather
                                                                   100.0%; Score 252; DB 9; ilarity 100.0%; Pred. No. 8.2e-59; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gordon E.
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                                                                                                     Length, 563;
                                                                     Indels
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APPLICANT: Lodes, Michael J.
APPLICANT: Lodes, Michael J.
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
APPLICANT: Secrist, Heather
APPLICANT: Menson, Darin R.
APPLICANT: Menson, Darin R.
APPLICANT: Mensy Tongtong
APPLICANT: Wang, Tongtong
APPLICANT: Wang, Tongton E.
APPLICANT: Wang, Ajun
APPLICANT: Wang, Ajun
APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
TITLE OF INVENTION: NUMBER: US/09/922,217
CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEO ID NOS: 1124
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 944
LENGTH: 563
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-944
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US-09-922-217-944/c
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Best Local Similarity
Matches 252; Conserv
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                                                                                       GAGAAGGATGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGC
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                               TGTGGCGCAGGA 252
                                                                  INFORMATION:
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ilarity 100.0%;
Conservative 0,
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                                                                                                                                                                                                                                                                                                                                     Score 252; DB 10;
Pred. No. 8.2e-59;
); Mismatches 0;
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RESULT 3

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APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
ITITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHER FILE REFERENCE: 2101.21.471C12
CURRENT APPLICATION NUMBER: US/09/833,263
CURRENT FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 944
LENGTH: 563
LENGTH: 563
TYDE: DNA
ORGANISM: Homo Sapien
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-025-380-853/c
Sequence 853, Application US/10025380
Publication No. US20020182191A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-833-263-944/c
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Matches
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                                                                                                                                APPLICANT: Clapper, Jonathan D.
APPLICANT: Skeiky, Yasir A. W.
APPLICANT: Fanger, Gary R.
APPLICANT: Vedvick Thomas S.
APPLICANT: Vedvick Thomas S.
APPLICANT: Carrer, Darrick
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C14
CURRENT APPLICATION NUMBER: US/10/025,380
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129
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les 252; Conserv
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Stolk, John A.
Wang, Tongtong
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Wang, Aijun
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Benson, Darin R.
Meagher, Madeleine
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Smith, Carole L.
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APPLICANT: Clapper, Jonathan D.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
CURRENT APPLICATION NUMBER: US/09/922,217
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 1124
SOFTWARE: FRASTSEQ for Windows Version 4.0
SEQ ID NO 853
LENGTH: 626
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-217-853
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-025-380-853
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APPLICANT: Lode
APPLICANT: Sec:
APPLICANT: Benn
APPLICANT: Meac
APPLICANT: Sto
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Best Local Similarity
Matches 252; Conserv
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SEQ ID NO 853
                                                                                                                                        Query Match
Best Local Similarity
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              CAGCTGCGAGACCTCACTTCCAGCTCTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG
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CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG
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o. US20020076414A1
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Smith, Carole Lynn
King, Gordon E.
Wang, Aijun
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Benson, Darin R.
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Lodes, Michael J.
                                                                                                                      100.0%; Score 252; DB 10; ilarity 100.0%; Pred. No. 8.4e-59; Conservative 0; Mismatches 0;
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APPLICANT: Wang, Aijun
APPLICANT: Clapper, Jonathan D.
APPLICANT: Stolk, John A.
APPLICANT: Stolk, John A.
APPLICANT: Meagher, Madeleine J.
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 21021.471C12
CURRENT APPLICATION NUMBER: US/09/833,263
CURRENT APPLICATION NUMBER: US/09/833,263
CURRENT FILING DATE: 2001-04-10
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 853
LENGTH: 626
TYPE: DNA
ORGANISM: Homo sapien
US-09-833-263-853
; Sequence 101, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
; APPLICANT: HORRIGON: Stephen
; TITLE OF INVENTION: Cancer Gene Determination
; TITLE OF INVENTION: Sets
; TITLE OF INVENTION: Sets
; TITLE REFERENCE: 689290-73
; CURRENT APPLICATION NUMBER: US/09/964,824A
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: US/60/236,033
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US-09-964-824A-101
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Best Local Similarity
Matches 252; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 853, Application US/09833263 Patent No. US20020110547A1
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APPLICANT: HOUSENING. Stephen
ITITLE OF INVENTION: Cancer Gene Determination and ITITLE OF INVENTION: Cancer Gene Determination and ITITLE OF INVENTION: Sets
ITITLE OF INVENTION: US/60/236,034
CURRENT APPLICATION NUMBER: US/60/236,033
PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR APPLICATION NUMBER: US/60/236,028
PRIOR PILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 583
SOFTWARE: PATENTIN VETSION 3.0
SEQ ID NO 563
TENCETT: 1015
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PRIOR APPLICATION NUMBER: US/60/236,032
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,028
PRIOR FILING DATE: 2000-09-28
VUMBER OF SEQ ID NOS: 583
SOFTWARE: Patentin version 3.0
SEQ ID NO 101
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US-09-964-824A-563
; Sequence 563, Application US/09964824A
; Patent No. US20020102531A1
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-09-964-824A-101
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Best Local Similarity 100.0%;
Matches 252; Conservative 0
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Best Local Similarity
                                                                                                                                                 Matches 252; Conservative
                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Homo sapiens
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61 CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG
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Pred. No. 1.1e-58;
0; Mismatches 0;
                                                                                                                                                 Score 252; DB 10;
Pred. No. 1.1e-58;
D; Mismatches 0;
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US-09-880-107-3420
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                                                                                                                                                                                                                                                                                                                                                                         Query Match
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CURRENT FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: US 60/211,379
PRIOR FILING DATE: 2000-06-14
PRIOR PILING DATE: 2000-06-14
PRIOR APPLICATION NUMBER: US 60/237,054
PRIOR FILING DATE: 2000-10-02
NUMBER OF SEQ ID NOS: 3950
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Horne, Darci T.
APPLICANT: Vockley, Joseph G.
APPLICANT: Scherf, Uwe
APPLICANT: Scherf, Iwe
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Gene Expression Profiles in Liver Cancer
FILE REFERENCE: 44921-5028-WO
                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Genbank Accession No. US20020142981A1 U73843
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                               TGTGGCGCAGGA 252
                                                                    TGTGGCGCAGGA 680
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US-09-967-768A-192
Sequence 192, Application U
Patent No. US20020150877A1
GENERAL INFORMATION:
MPPLICANT: Augustus, Meena

US/09967768A

RESULT 10

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APPLICANT: Clapper, Jonathan D.
APPLICANT: Skelky, Yasir A. W.
APPLICANT: Skelky, Yasir A. W.
APPLICANT: Stelky, Yasir A. W.
APPLICANT: Vedvick Thomas S.
APPLICANT: Carrer, Darrick
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C1.4
CCURRENT APPLICATION UNMBER: US/10/025,380
CURRENT APPLICATION UNMBER: US/10/025,380
CURRENT FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 1129
SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1105
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; ORGANISM: Homo sapiens
US-09-967-768A-192
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FILE REFERENCE: 689290-72
CURRENT APPLICATION NUMBER: US/09/967,768A
CURRENT FILING DATE: 2001-09-28
PRIOR APPLICATION NUMBER: US/60/236,109
PRIOR FILING DATE: 2000-09-28
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR APPLICATION NUMBER: US/60/236,034
PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR APPLICATION NUMBER: US/60/236,111
PRIOR FILING DATE: 2000-09-28
NUMBER OF SEQ ID NOS: 325
SOFTWARE: PatentIn version 3.0
SEQ ID NO 192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
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Best Local Similarity
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Smith, Carole L.
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Benson, Darin R.
Meagher, Madeleine Joy
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Lodes, Michael J
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100.0%; Pred. No. 1.1e-58;
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SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 1105

: LENGTH: 1917

TYPE: DNA

: ORGANISM: Homo sapiens

US-09-922-217-1105
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                                                                                                                                                                       Query Match
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Best Local Similarity
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                                                                                                                                                                     Matches 252;
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APPLICANT: Smith, Carole Lynn
APPLICANT: King, Gordon E.
APPLICANT: Wang, Aijun
APPLICANT: Wang, Aijun
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
TITLE OF INVENTION: OF COLON CANCER AND METHODS FOR THEIR USE
FILE REFERENCE: 210121.471C13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
APPLICANT:
APPLICANT:
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CURRENT FILING DATE: 2001-08-03
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TYPE: DNA
ORGANISM: Homo sapiens
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121 GAGAAGGATGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTGACCAGGGCAGC 180
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                                                              CAGCTGCGAGACCTCACTTCCAGCTCTTCTGATGAGCTCAGTTGGATCATTGAGCTGCTG 120
                                                                                                   AATTGTGCCCTTGAGGAGCTGCGTCTGGTCTTTGGGCCTCTGGGGGGACCAACTCCATGCC 490
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Stolk, John A.
Wang, Tongtong
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Benson, Darin R.
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Pred. No. 1.1e-58;
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Pred. No. 1.1e-58;
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APPLICANT: ROSEN et al.
TITLE OF INVENTION: Nucleic Acids, Proteins and Ant
FILE REFERENCE: PA106
CURRENT APPLICATION NUMBER: US/09/925,301
CURRENT FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: PCT/US00/05882
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR APPLICATION NUMBER: 60/124,270
PRIOR FILING DATE: 1999-03-12
NUMBER OF SEQ ID NOS: 1694
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 207
LENGTH: 1996
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; Sequence 207, Application US/09925301
; Patent No. US20020052308A1
; GENERAL INFORMATION:
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APPLICANT: Aglate, Paul A.
APPLICANT: Jones, Robert
APPLICANT: Harlocker, Susan L.
APPLICANT: HARLOCKER, SUSAN L.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF OVARIAN CANCER
TILE REFERENCE: 2101.21.497
CURRENT APPLICATION NUMBER: US/09/867,701
CURRENT FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 10912
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ORGANISM: Homo sapiens
-09-925-301-207
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APPLICANT: Stolk, John A.
APPLICANT: Xu, Jiangchun
APPLICANT: Chenault, Ruth A.
APPLICANT: Meagher, Madelein Joy
APPLICANT: Meagher, Madelein Joy
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.561
CURRENT APPLICATION NUMBER: US/09/98,598
CURRENT FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 2606
SOFTWARE: COTIXA Invention Disclosure Database
SEQ ID NO 1740
LENGTH: 174
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US-09-998-598-1740/c
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SEQ ID NO 4818
LENGTH: 355
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                                                                                                                                                                                                                   Query Match 69.0%; Score 174; DB 10; Length 174; Best Local Similarity 100.0%; Pred. No. 5.4e-38; Matches 174; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1740, Application US/09998598 Patent No. US20020150922A1
                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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                      AAGGATGGCATGGCCTTCCAGGAGGCCCTAGACCCAGGGCCCTTTTGACCAGGGCAGCCCC 183
355
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Search completed: March Job time : 21.1179 secs

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